

FILE 'REGISTRY' ENTERED AT 15:16:55 ON 06 NOV 2006

L1 STRUCTURE UPLOADED
L2 15 S L1
L3 STRUCTURE UPLOADED
L4 1 S L3
L5 16 S L3 SSS FULL

FILE 'CAPLUS' ENTERED AT 15:20:45 ON 06 NOV 2006

L6 6 S L5
L7 5 S L6 NOT PY>2000

=> file registry
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 15:16:55 ON 06 NOV 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 5 NOV 2006 HIGHEST RN 912451-62-8
DICTIONARY FILE UPDATES: 5 NOV 2006 HIGHEST RN 912451-62-8

New CAS Information Use Policies, enter HELP USAGETERMS for details.

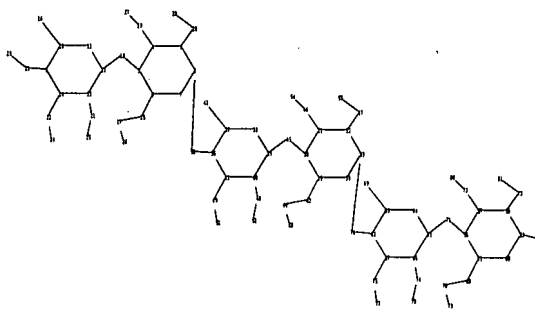
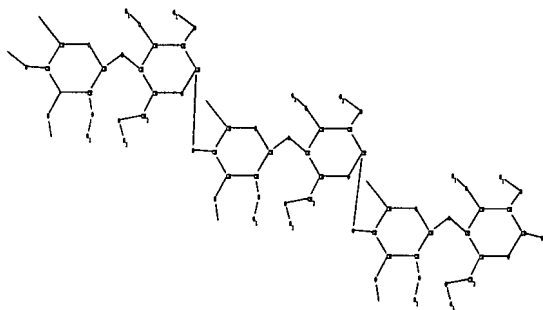
TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>
Uploading C:\Program Files\Stnexp\Queries\10677895alkyl.str



```

chain nodes :
15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 42 43 44 45 46 47
48 49 50 51 52 53 54 55 68 69 70 71 72 73 74 75 76 77 78 79 80
81 82
ring nodes :
3 4 5 6 7 8 9 10 11 12 13 14 30 31 32 33 34 35 36 37 38 39
40 41 56 57 58 59 60 61 62 63 64 65 66 67
chain bonds :
3-18 4-19 5-20 6-50 8-15 9-23 10-16 12-18 13-21 14-22 15-17 17-26 19-27
20-28 21-25 22-24 23-29 30-45 31-46 32-47 33-76 35-42 36-50 37-43 39-45
40-48 41-49
42-44 44-53 46-54 47-55 48-52 49-51 56-71 57-72 58-73 59-82 61-68 62-76
63-69 65-71
66-74 67-75 68-70 70-79 72-80 73-81 74-78 75-77
ring bonds :
3-4 3-8 4-5 5-6 6-7 7-8 9-10 9-14 10-11 11-12 12-13 13-14 30-31 30-35
31-32 32-33 33-34 34-35 36-37 36-41 37-38 38-39 39-40 40-41 56-57 56-61
57-58 58-59
59-60 60-61 62-63 62-67 63-64 64-65 65-66 66-67
exact/norm bonds :
3-4 3-8 3-18 4-5 4-19 5-6 5-20 6-7 6-50 7-8 9-10 9-14 9-23 10-11 11-12
12-13 12-18 13-14 13-21 14-22 17-26 19-27 20-28 21-25 22-24 23-29 30-31
30-35 30-45
31-32 31-46 32-33 32-47 33-34 33-76 34-35 36-37 36-41 36-50 37-38 38-39
39-40 39-45
40-41 40-48 41-49 44-53 46-54 47-55 48-52 49-51 56-57 56-61 56-71 57-58
57-72 58-59
58-73 59-60 59-82 60-61 62-63 62-67 62-76 63-64 64-65 65-66 65-71 66-67
66-74 67-75
70-79 72-80 73-81 74-78 75-77
exact bonds :
8-15 10-16 15-17 35-42 37-43 42-44 61-68 63-69 68-70

```

G1:CH3,SO3H,C

G2

```

Match level :
3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom 12:Atom
13:Atom 14:Atom 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS 20:CLASS
21:CLASS 22:CLASS
23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS 29:CLASS 30:Atom
31:Atom 32:Atom 33:Atom
34:Atom 35:Atom 36:Atom 37:Atom 38:Atom 39:Atom 40:Atom 41:Atom 42:CLASS
43:CLASS
44:CLASS 45:CLASS 46:CLASS 47:CLASS 48:CLASS 49:CLASS 50:CLASS 51:CLASS
52:CLASS 53:CLASS
54:CLASS 55:CLASS 56:Atom 57:Atom 58:Atom 59:Atom 60:Atom 61:Atom 62:Atom
63:Atom 64:Atom
65:Atom 66:Atom 67:Atom 68:CLASS 69:CLASS 70:CLASS 71:CLASS 72:CLASS
73:CLASS 74:CLASS
75:CLASS 76:CLASS 77:CLASS 78:CLASS 79:CLASS 80:CLASS 81:CLASS 82:CLASS

```

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 15:17:21 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 841 TO ITERATE

100.0% PROCESSED 841 ITERATIONS

15 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 15081 TO 18559

PROJECTED ANSWERS: 68 TO 532

L2 15 SEA SSS SAM L1

=> d l2 scan

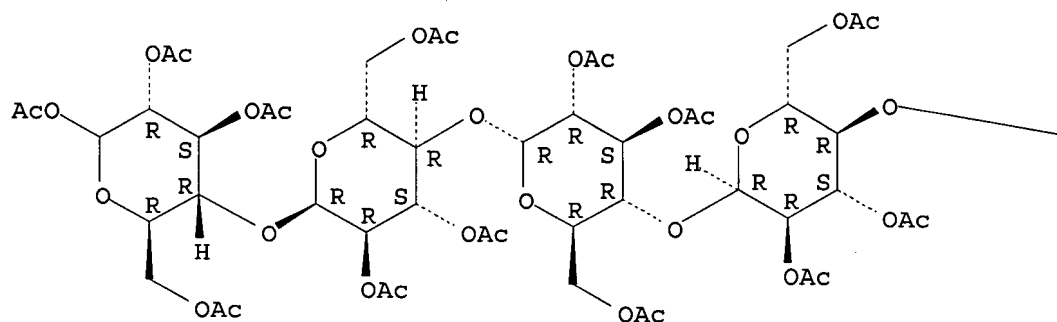
L2 15 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN

IN D-Glucopyranose, O-2,3,4,6-tetra-O-acetyl- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-2,3,6-tri-O-acetyl- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-2,3,6-tri-O-acetyl- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-2,3,6-tri-O-acetyl- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-, tetraacetate (9CI)

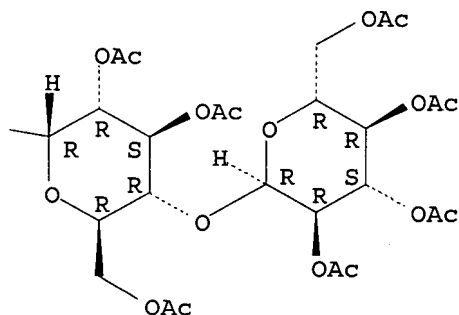
MF C76 H102 O51

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B



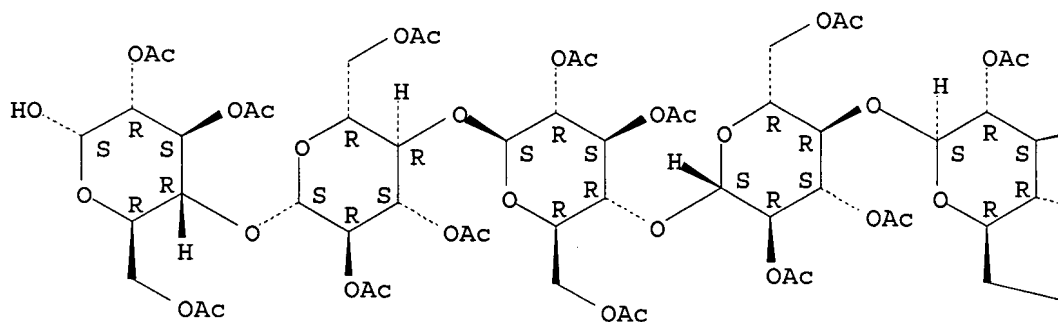
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):5

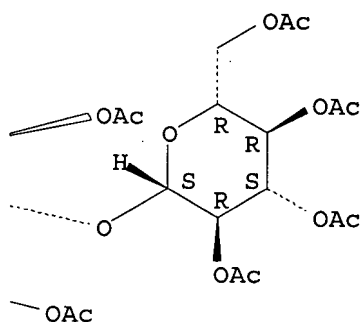
L2 15 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN α -D-Glucopyranose, O-2,3,4,6-tetra-O-acetyl- β -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-2,3,6-tri-O-acetyl- β -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-2,3,6-tri-O-acetyl- β -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-2,3,6-tri-O-acetyl- β -D-glucopyranosyl-(1 $\rightarrow$ 4)-, 2,3,6-triacetate (9CI)
MF C74 H100 O50

Absolute stereochemistry. Rotation (-).

PAGE 1-A



PAGE 1-B

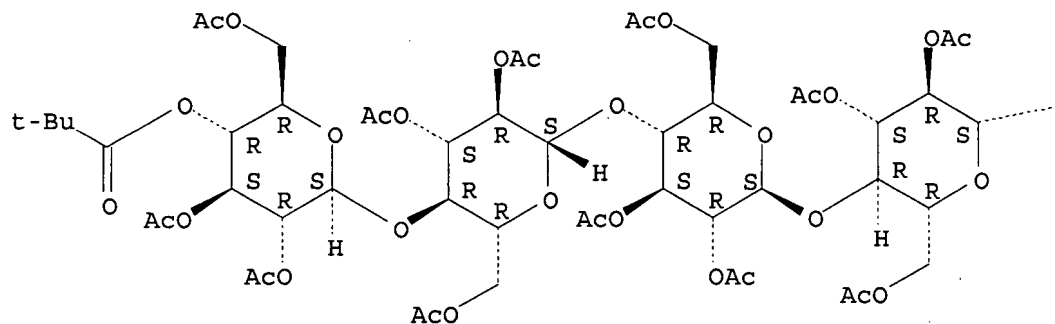


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

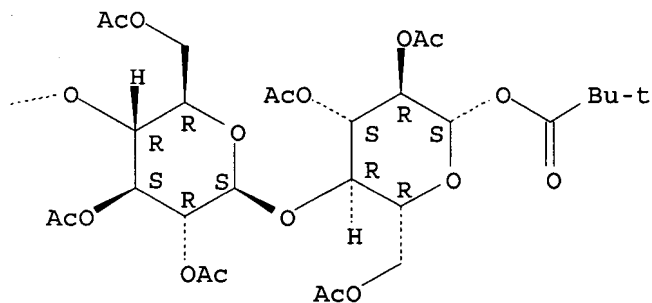
L2 15 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN β -D-Glucopyranose, O-2,3,6-tri-O-acetyl-4-O-(2,2-dimethyl-1-oxopropyl)- β -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-2,3,6-tri-O-acetyl- β -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-2,3,6-tri-O-acetyl- β -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-2,3,6-tri-O-acetyl- β -D-glucopyranosyl-(1 $\rightarrow$ 4)-, 2,3,6-triacetate 1-(2,2-dimethylpropanoate) (9CI)
MF C82 H114 O51

Absolute stereochemistry.

PAGE 1-A



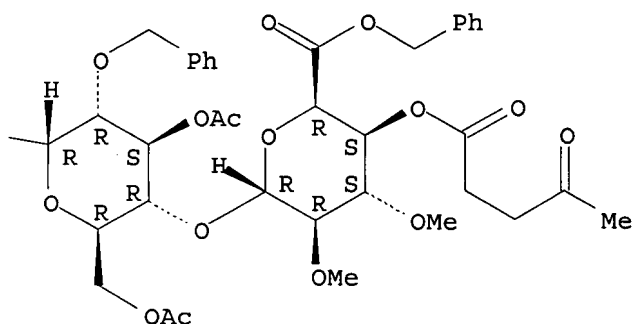
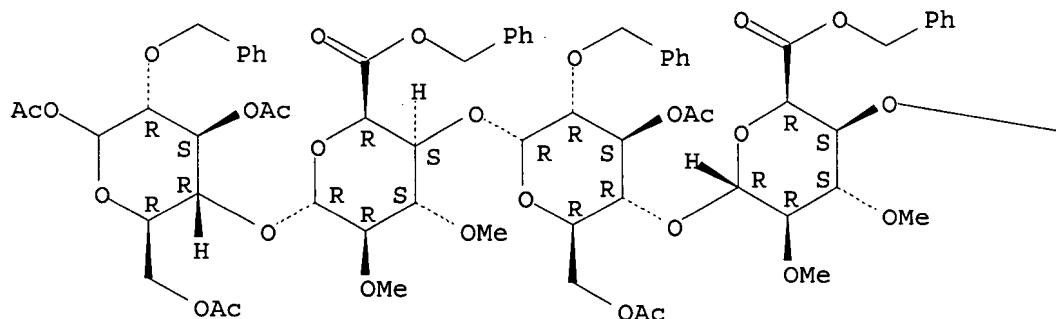
PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 15 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN D-Glucopyranose, O-4-O-(1,4-dioxopentyl)-2,3-di-O-methyl-6-(phenylmethyl)-
 α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-O-3,6-di-O-acetyl-2-O-
 (phenylmethyl)- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-2,3-di-O-methyl-6-
 (phenylmethyl)- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-O-3,6-di-O-acetyl-2-
 O-(phenylmethyl)- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-2,3-di-O-methyl-6-
 (phenylmethyl)- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-2-O-(phenylmethyl)-
 , triacetate (9CI)
 MF C103 H124 O43

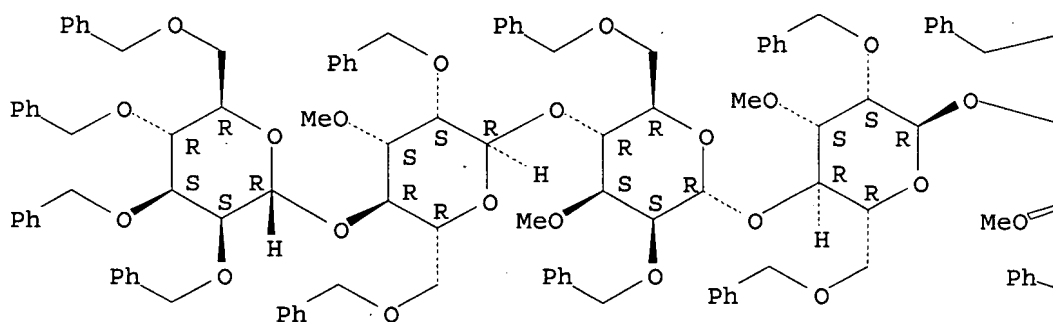
Absolute stereochemistry.

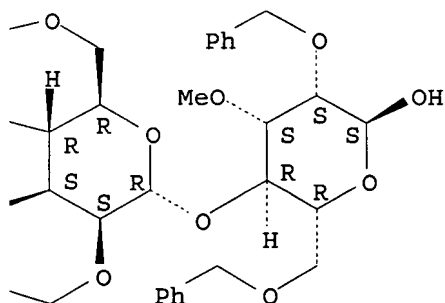


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 15 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN α -D-Mannopyranose, O-2,3,4,6-tetrakis-O-(phenylmethyl)- α -D-mannopyranosyl-(1 $\rightarrow$ 4)-O-3-O-methyl-2,6-bis-O-(phenylmethyl)- α -D-mannopyranosyl-(1 $\rightarrow$ 4)-O-3-O-methyl-2,6-bis-O-(phenylmethyl)- α -D-mannopyranosyl-(1 $\rightarrow$ 4)-O-3-O-methyl-2,6-bis-O-(phenylmethyl)- α -D-mannopyranosyl-(1 $\rightarrow$ 4)-O-3-O-methyl-2,6-bis-O-(phenylmethyl)- α -D-mannopyranosyl-(1 $\rightarrow$ 4)-3-O-methyl-2,6-bis-O-(phenylmethyl)- (9CI)
 MF C139 H156 O31

Absolute stereochemistry. Rotation (+).

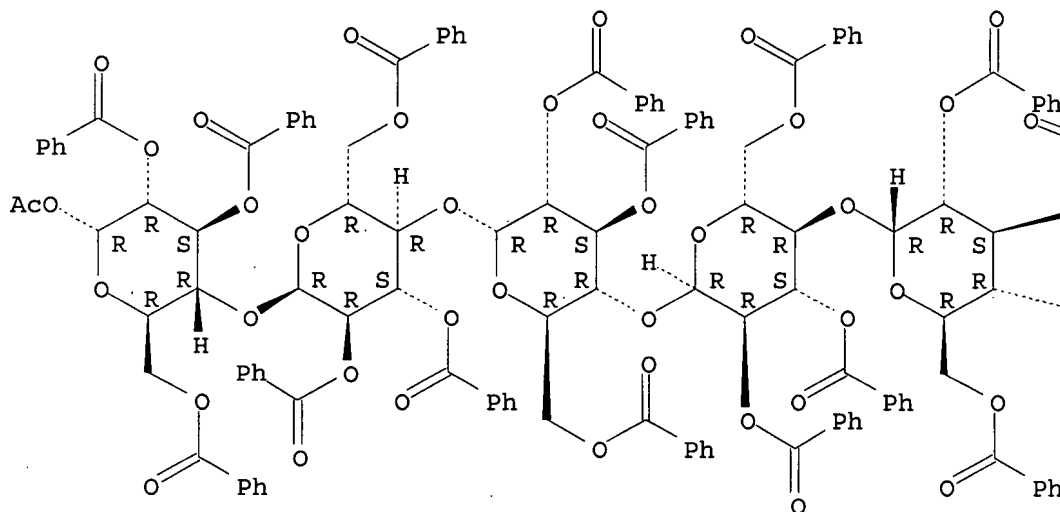


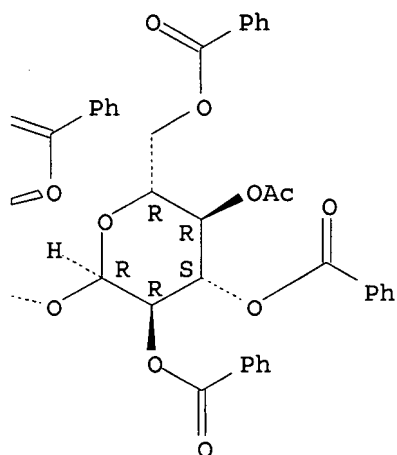


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 15 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN α -D-Glucopyranose, O-4-O-acetyl-2,3,6-tri-O-benzoyl- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-2,3,6-tri-O-benzoyl- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-2,3,6-tri-O-benzoyl- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-2,3,6-tri-O-benzoyl- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-, 1-acetate
 2,3,6-tribenzoate (9CI)
 MF C166 H138 O51

Absolute stereochemistry. Rotation (+).



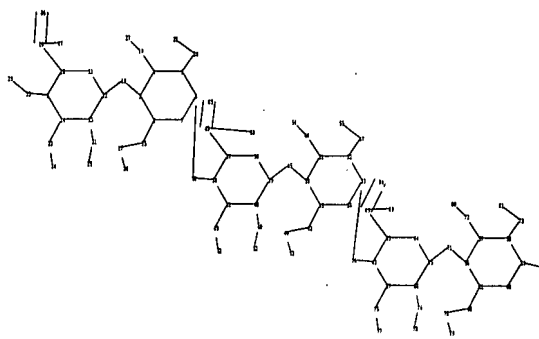
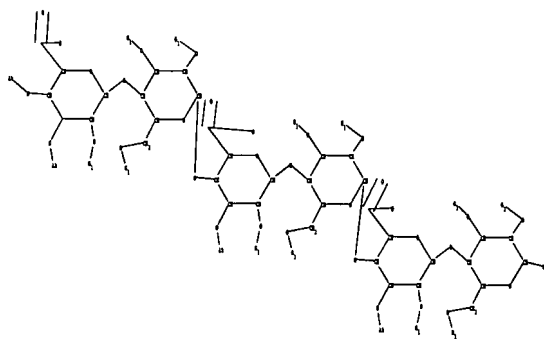


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=>

Uploading C:\Program Files\Stnexp\Queries\10677894alkyl2.str



chain nodes :

15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 42 43 44 45 46 47
48 49 50 51 52 53 54 55 68 69 70 71 72 73 74 75 76 77 78 79 80
81 82 84
85 86 87 88 89

ring nodes :

3 4 5 6 7 8 9 10 11 12 13 14 30 31 32 33 34 35 36 37 38 39
40 41 56 57 58 59 60 61 62 63 64 65 66 67

chain bonds :

3-18 4-19 5-20 6-50 8-15 9-23 10-16 12-18 13-21 14-22 15-17 16-86 16-87
17-26 19-27 20-28 21-25 22-24 23-29 30-45 31-46 32-47 33-76 35-42 36-50
37-43 39-45
40-48 41-49 42-44 43-85 43-88 44-53 46-54 47-55 48-52 49-51 56-71 57-72
58-73 59-82
61-68 62-76 63-69 65-71 66-74 67-75 68-70 69-84 69-89 70-79 72-80 73-81
74-78 75-77

ring bonds :

3-4 3-8 4-5 5-6 6-7 7-8 9-10 9-14 10-11 11-12 12-13 13-14 30-31 30-35
31-32 32-33 33-34 34-35 36-37 36-41 37-38 38-39 39-40 40-41 56-57 56-61
57-58 58-59
59-60 60-61 62-63 62-67 63-64 64-65 65-66 66-67

exact/norm bonds :

3-4 3-8 3-18 4-5 4-19 5-6 5-20 6-7 6-50 7-8 9-10 9-14 9-23 10-11 11-12
12-13 12-18 13-14 13-21 14-22 16-86 16-87 17-26 19-27 20-28 21-25 22-24
23-29 30-31
30-35 30-45 31-32 31-46 32-33 32-47 33-34 33-76 34-35 36-37 36-41 36-50
37-38 38-39
39-40 39-45 40-41 40-48 41-49 43-85 43-88 44-53 46-54 47-55 48-52 49-51
56-57 56-61
56-71 57-58 57-72 58-59 58-73 59-60 59-82 60-61 62-63 62-67 62-76 63-64
64-65 65-66
65-71 66-67 66-74 67-75 69-84 69-89 70-79 72-80 73-81 74-78 75-77

exact bonds :

8-15 10-16 15-17 35-42 37-43 42-44 61-68 63-69 68-70

G1:SO3H,Ak

G2

Match level :

3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom 12:Atom
13:Atom 14:Atom 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS 20:CLASS
21:CLASS 22:CLASS
23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS 29:CLASS 30:Atom
31:Atom 32:Atom 33:Atom
34:Atom 35:Atom 36:Atom 37:Atom 38:Atom 39:Atom 40:Atom 41:Atom 42:CLASS
43:CLASS
44:CLASS 45:CLASS 46:CLASS 47:CLASS 48:CLASS 49:CLASS 50:CLASS 51:CLASS
52:CLASS 53:CLASS
54:CLASS 55:CLASS 56:Atom 57:Atom 58:Atom 59:Atom 60:Atom 61:Atom 62:Atom
63:Atom 64:Atom
65:Atom 66:Atom 67:Atom 68:CLASS 69:CLASS 70:CLASS 71:CLASS 72:CLASS
73:CLASS 74:CLASS
75:CLASS 76:CLASS 77:CLASS 78:CLASS 79:CLASS 80:CLASS 81:CLASS 82:CLASS
84:CLASS 85:CLASS
86:CLASS 87:CLASS 88:CLASS 89:CLASS

L3 STRUCTURE UPLOADED

=> d 13
L3 HAS NO ANSWERS
L3 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s 13
SAMPLE SEARCH INITIATED 15:19:54 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 478 TO ITERATE

100.0% PROCESSED 478 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 8249 TO 10871
PROJECTED ANSWERS: 1 TO 80

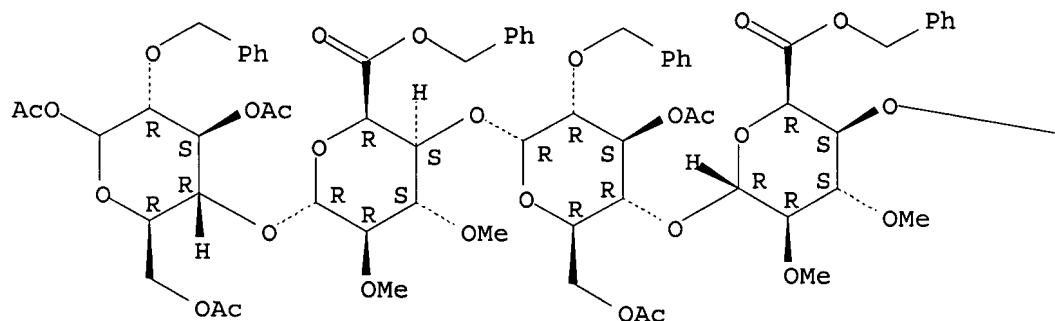
L4 1 SEA SSS SAM L3

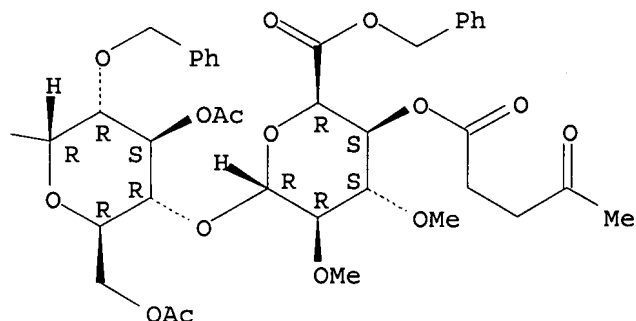
=> d 14 scan

L4 1 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN D-Glucopyranose, O-4-O-(1,4-dioxopentyl)-2,3-di-O-methyl-6-(phenylmethyl)-
 α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-O-3,6-di-O-acetyl-2-O-
(phenylmethyl)- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-2,3-di-O-methyl-6-
(phenylmethyl)- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-O-3,6-di-O-acetyl-2-O-
O-(phenylmethyl)- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-2,3-di-O-methyl-6-
(phenylmethyl)- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-2-O-(phenylmethyl)-
, triacetate (9CI)
MF C103 H124 O43

Absolute stereochemistry.

PAGE 1-A





PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> s l3 sss full
 FULL SEARCH INITIATED 15:20:15 FILE 'REGISTRY'
 FULL SCREEN SEARCH COMPLETED - 10286 TO ITERATE

100.0% PROCESSED 10286 ITERATIONS
 SEARCH TIME: 00.00.01

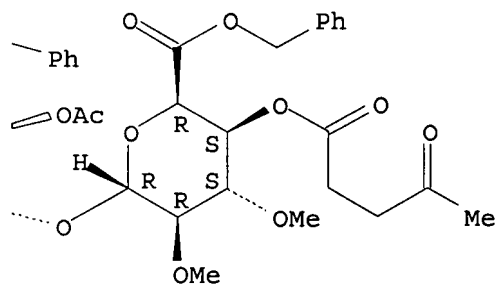
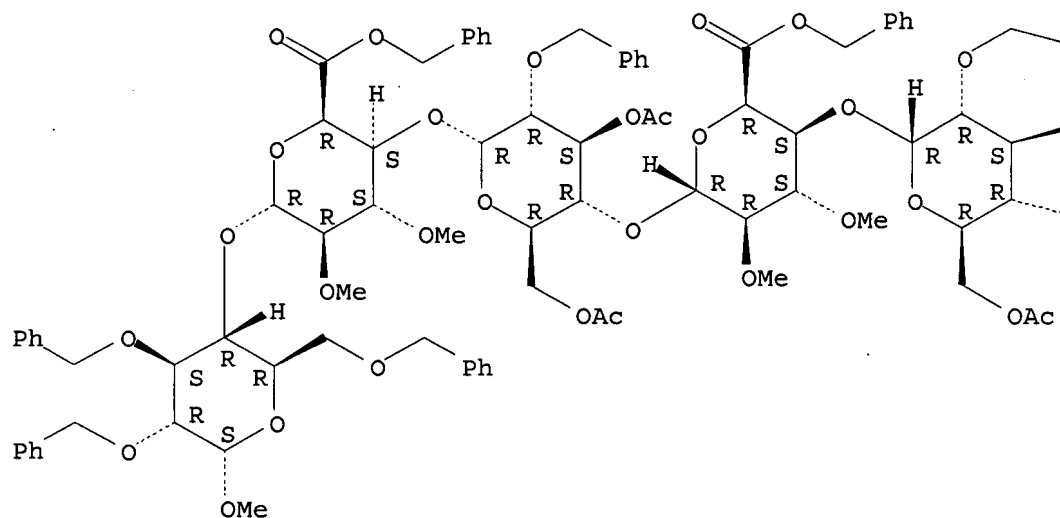
16 ANSWERS

L5 16 SEA SSS FUL L3

=> d l5 scan

L5 16 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN α -D-Glucopyranoside, methyl O-4-O-(1,4-dioxopentyl)-2,3-di-O-methyl-
 6-(phenylmethyl)- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-O-3,6-di-O-acetyl-
 2-O-(phenylmethyl)- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-2,3-di-O-methyl-
 6-(phenylmethyl)- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-O-3,6-di-O-acetyl-
 2-O-(phenylmethyl)- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-2,3-di-O-methyl-
 6-(phenylmethyl)- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-2,3,6-tris-O-
 (phenylmethyl)- (9CI)
 MF C112 H132 O40

Absolute stereochemistry. Rotation (+).

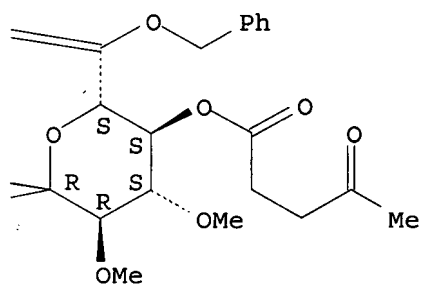
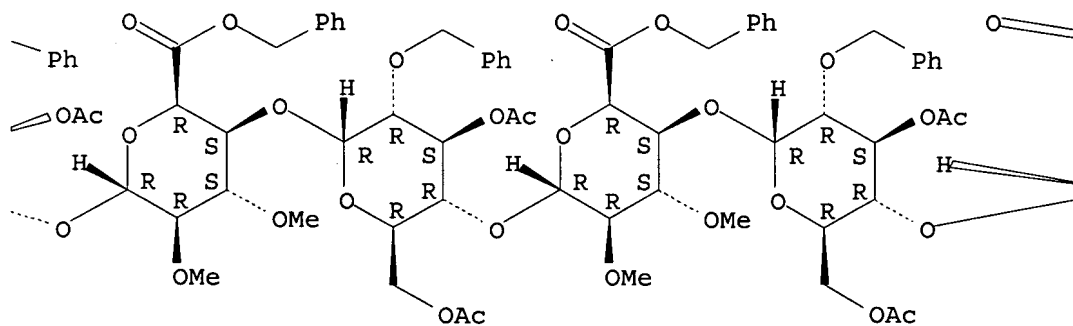
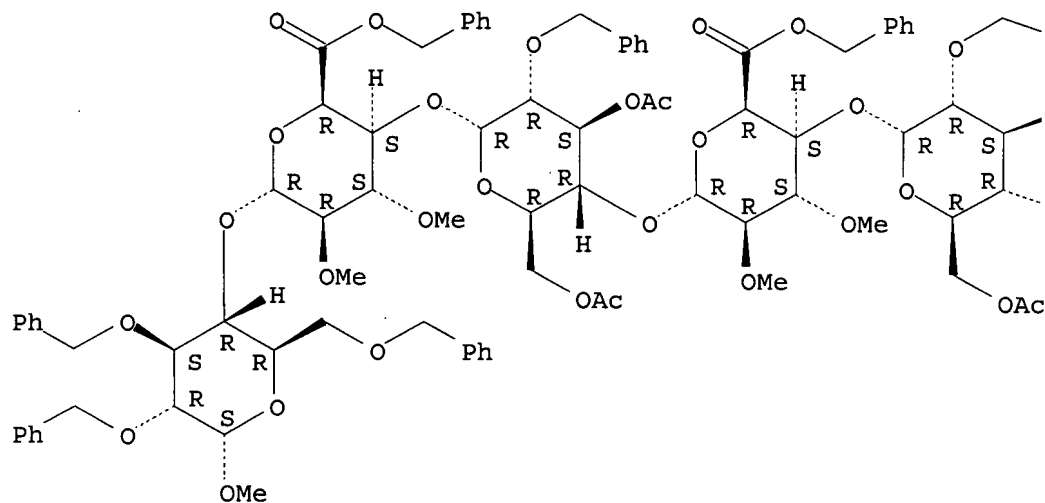


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):15

L5 16 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN α -D-Glucopyranoside, methyl O-4-O-(1,4-dioxopentyl)-2,3-di-O-methyl-6-(phenylmethyl)- β -D-glucopyranuronosyl-(1 $\rightarrow$ 4)-O-3,6-di-O-acetyl-2-O-(phenylmethyl)- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-2,3-di-O-methyl-6-(phenylmethyl)- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-O-3,6-di-O-acetyl-2-O-(phenylmethyl)- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-2,3-di-O-methyl-6-(phenylmethyl)- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-O-3,6-di-O-acetyl-2-O-(phenylmethyl)- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-2,3-di-O-methyl-6-(phenylmethyl)- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-O-3,6-di-O-acetyl-2-O-(phenylmethyl)- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-2,3-di-O-methyl-6-(phenylmethyl)- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-2,3,6-tris-O-(phenylmethyl)- (9CI)
 MF C176 H208 O66

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

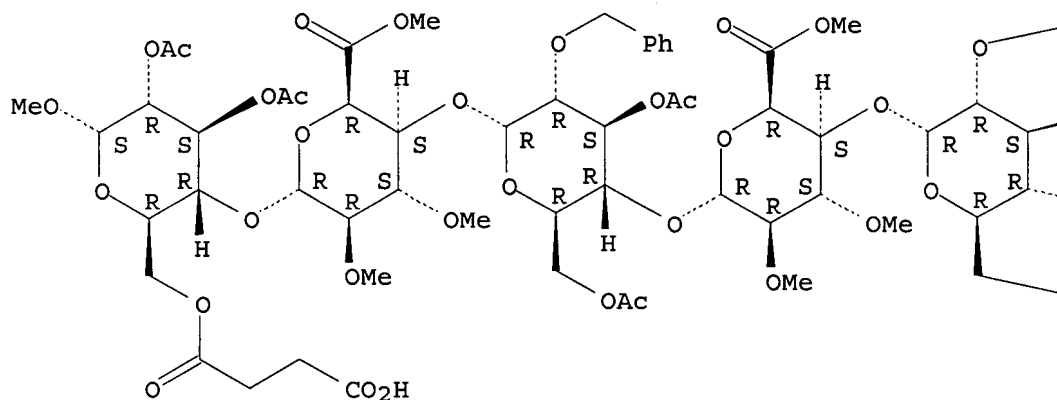
L5 16 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN α -D-Glucopyranoside, methyl O-4-O-(1,4-dioxopentyl)-6-methyl-2,3-di-
 O-methyl- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-O-3,6-di-O-acetyl-2-O-
 (phenylmethyl)- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-6-methyl-2,3-di-O-

methyl- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-O-3,6-di-O-acetyl-2-O-(phenylmethyl)- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-6-methyl-2,3-di-O-methyl- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-O-3,6-di-O-acetyl-2-O-(phenylmethyl)- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-6-methyl-2,3-di-O-methyl- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-O-3,6-di-O-acetyl-2-O-(phenylmethyl)- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-6-methyl-2,3-di-O-methyl- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-, 2,3-diacetate 6-(hydrogen butanedioate) (9CI)

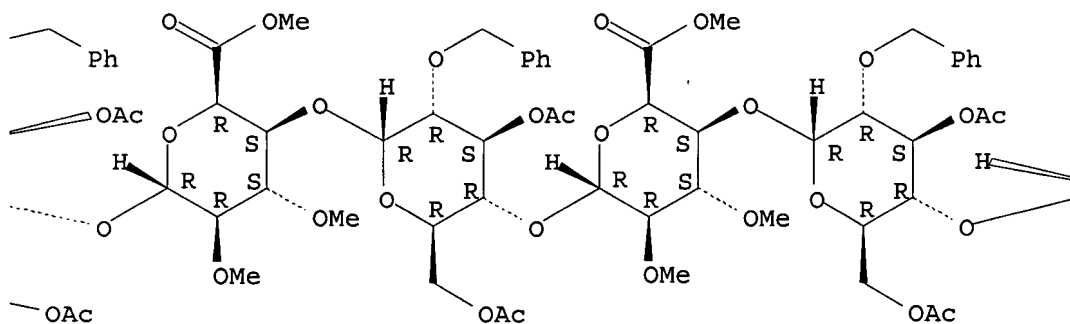
MF C133 H178 O71

Absolute stereochemistry.

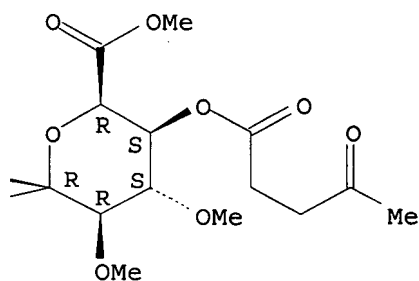
PAGE 1-A



PAGE 1-B



PAGE 1-C



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

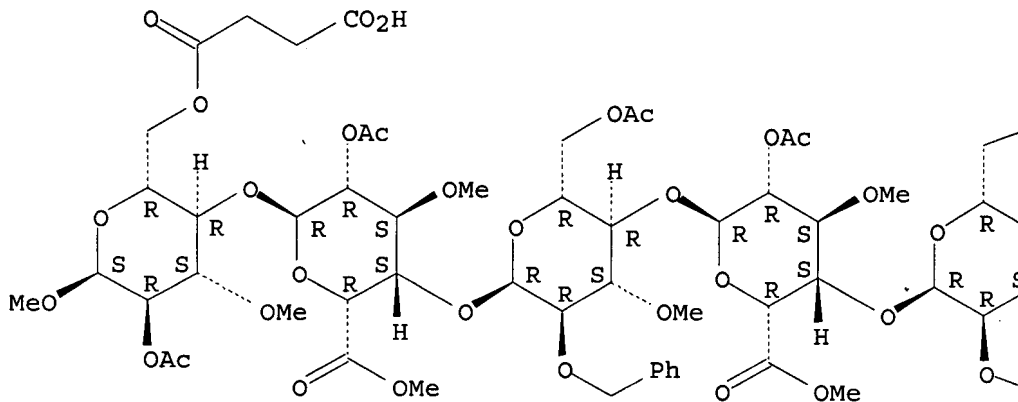
L5 16 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN

IN α -D-Glucopyranoside, methyl O-2-O-acetyl-4-O-(1,4-dioxopentyl)-6-methyl-3-O-methyl- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-O-6-O-acetyl-3-O-methyl-2-O-(phenylmethyl)- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-2-O-acetyl-6-methyl-3-O-methyl- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-O-6-O-acetyl-3-O-methyl-2-O-(phenylmethyl)- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-2-O-acetyl-6-methyl-3-O-methyl- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-O-6-O-acetyl-3-O-methyl-2-O-(phenylmethyl)- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-2-O-acetyl-6-methyl-3-O-methyl- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-O-6-O-acetyl-3-O-methyl-2-O-(phenylmethyl)- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-2-O-acetyl-6-methyl-3-O-methyl- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-O-6-O-acetyl-3-O-methyl-2-O-(phenylmethyl)- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-2-O-acetyl-6-methyl-3-O-methyl- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-O-6-O-acetyl-3-O-methyl-2-O-(phenylmethyl)- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-2-O-acetyl-6-methyl-3-O-methyl- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-3-O-methyl-, 2-acetate 6-(hydrogen butanedioate) (9CI)

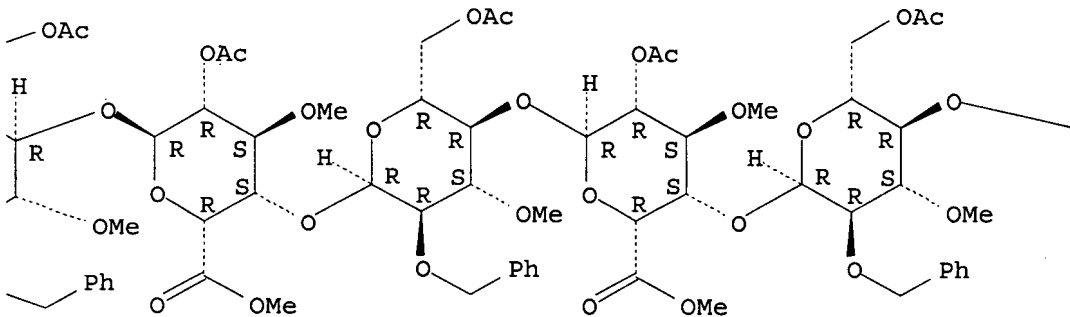
MF C159 H212 O84

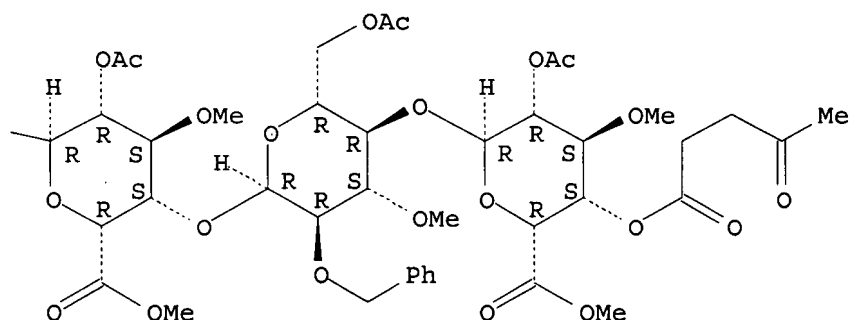
Absolute stereochemistry.

PAGE 1-A



PAGE 1-B

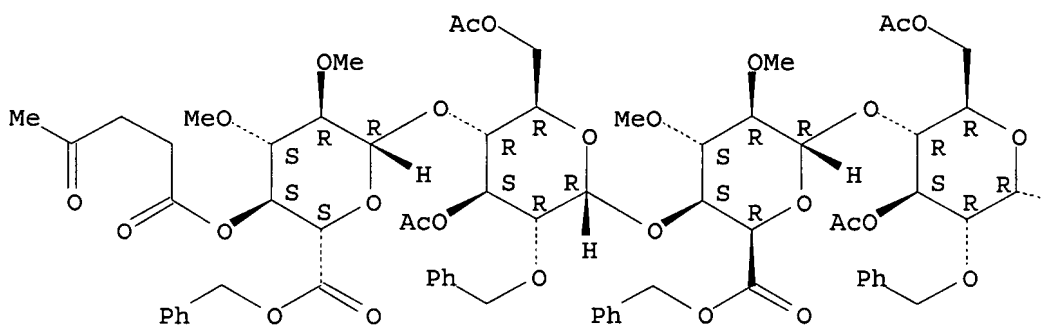


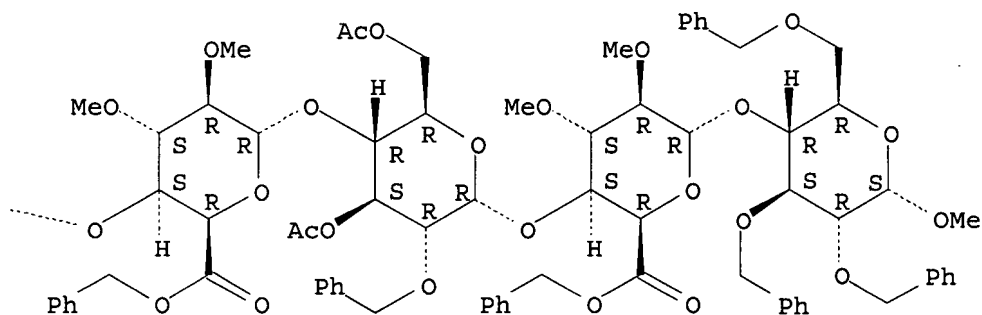


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 16 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN α -D-Glucopyranoside, methyl O-4-O-(1,4-dioxopentyl)-2,3-di-O-methyl-
 6-(phenylmethyl)- β -D-glucopyranuronosyl-(1 $\rightarrow$ 4)-O-3,6-di-O-
 acetyl-2-O-(phenylmethyl)- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-2,3-di-O-
 methyl-6-(phenylmethyl)- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-O-3,6-di-O-
 acetyl-2-O-(phenylmethyl)- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-2,3-di-O-
 methyl-6-(phenylmethyl)- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-O-3,6-di-O-
 acetyl-2-O-(phenylmethyl)- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-2,3-di-O-
 methyl-6-(phenylmethyl)- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-2,3,6-tris-
 O-(phenylmethyl)-(9CI)
 MF C144 H170 O53

Absolute stereochemistry.

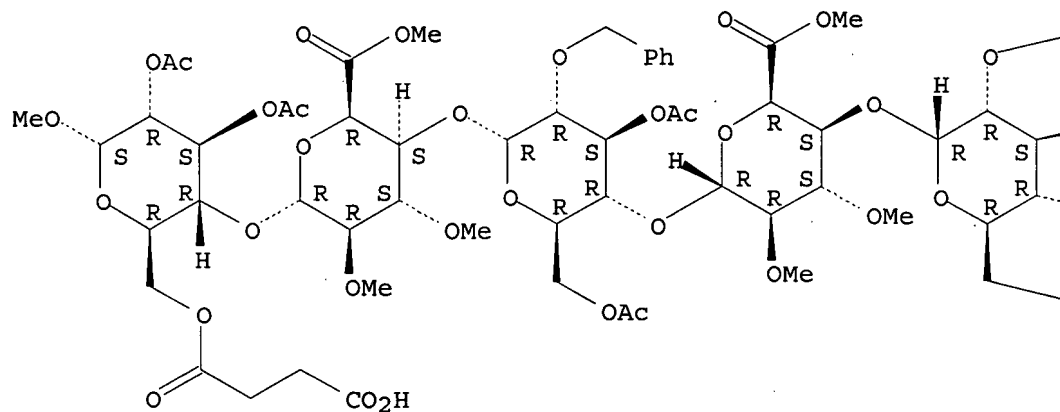


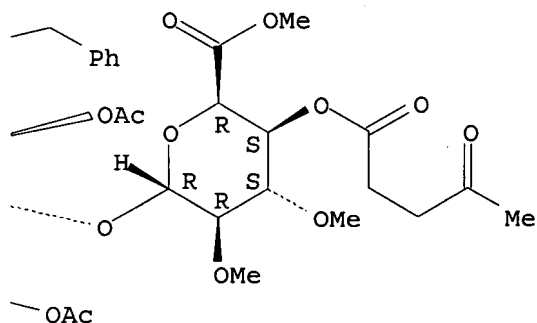


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 16 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN α -D-Glucopyranoside, methyl O-4-O-(1,4-dioxopentyl)-6-methyl-2,3-di-
 O-methyl- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-O-3,6-di-O-acetyl-2-O-
 (phenylmethyl)- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-6-methyl-2,3-di-O-
 methyl- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-O-3,6-di-O-acetyl-2-O-
 (phenylmethyl)- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-6-methyl-2,3-di-O-
 methyl- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-, 2,3-diacetate 6-(hydrogen
 butanedioate) (9CI)
 MF C81 H110 O45

Absolute stereochemistry.

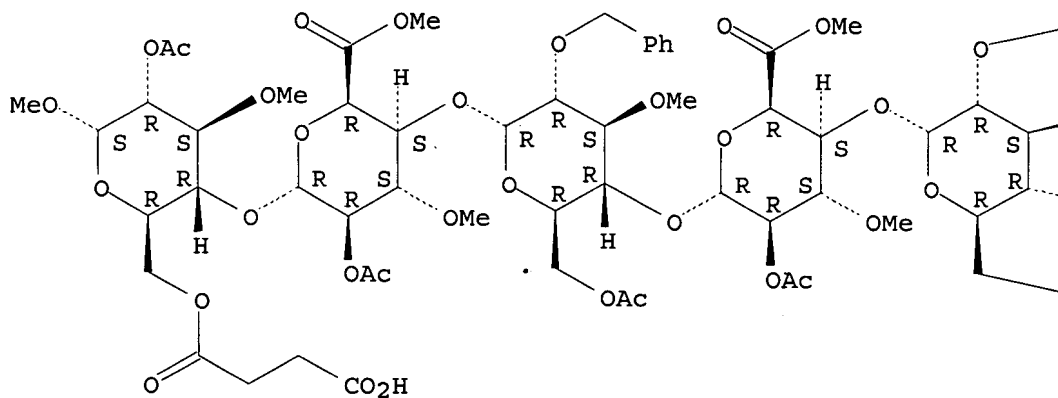


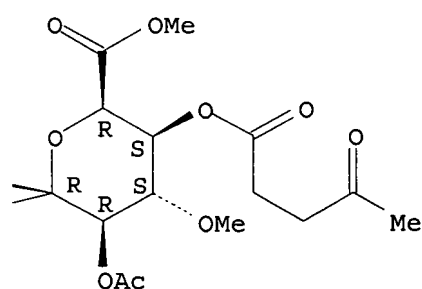
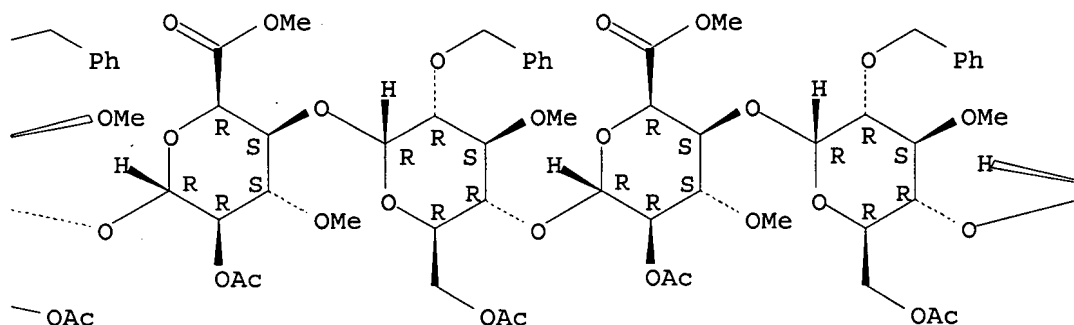


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 16 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN α -D-Glucopyranoside, methyl O-2-O-acetyl-4-O-(1,4-dioxopentyl)-6-methyl-3-O-methyl- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-O-6-O-acetyl-3-O-methyl-2-O-(phenylmethyl)- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-2-O-acetyl-6-methyl-3-O-methyl- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-O-6-O-acetyl-3-O-methyl-2-O-(phenylmethyl)- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-2-O-acetyl-6-methyl-3-O-methyl- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-O-6-O-acetyl-3-O-methyl-2-O-(phenylmethyl)- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-2-O-acetyl-6-methyl-3-O-methyl- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-O-6-O-acetyl-3-O-methyl-2-O-(phenylmethyl)- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-2-O-acetyl-6-methyl-3-O-methyl- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-3-O-methyl-, 2-acetate 6-(hydrogen butanedioate) (9CI)
 MF C133 H178 O71

Absolute stereochemistry.

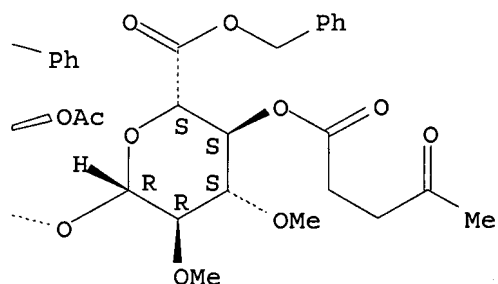
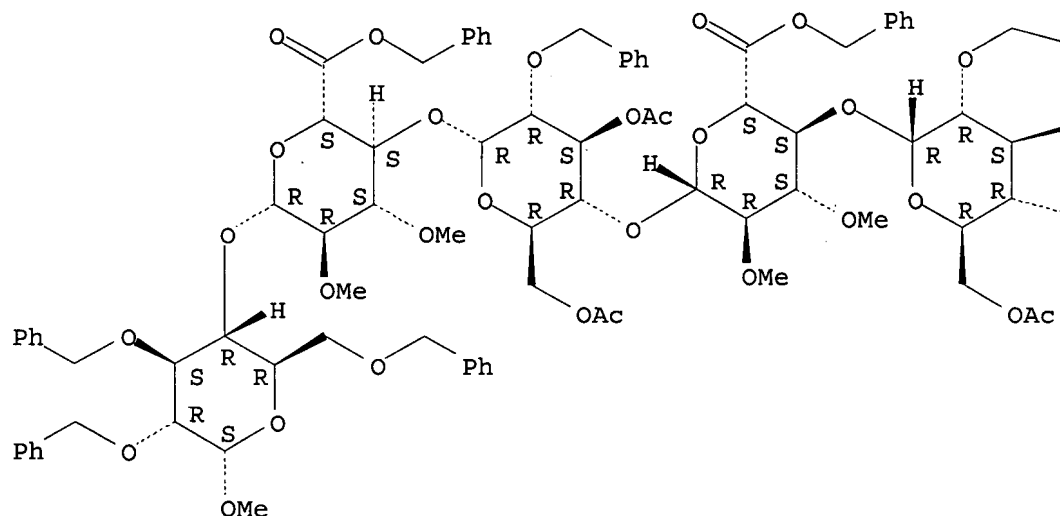




PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 16 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN α -D-Glucopyranoside, methyl O-4-O-(1,4-dioxopentyl)-2,3-di-O-methyl-
 6-(phenylmethyl)- β -D-glucopyranuronosyl-(1 $\rightarrow$ 4)-O-3,6-di-O-
 acetyl-2-O-(phenylmethyl)- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-2,3-di-O-
 methyl-6-(phenylmethyl)- β -D-glucopyranuronosyl-(1 $\rightarrow$ 4)-O-3,6-di-
 O-acetyl-2-O-(phenylmethyl)- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-2,3-di-
 O-methyl-6-(phenylmethyl)- β -D-glucopyranuronosyl-(1 $\rightarrow$ 4)-2,3,6-
 tris-O-(phenylmethyl)- (9CI)
 MF C112 H132 O40

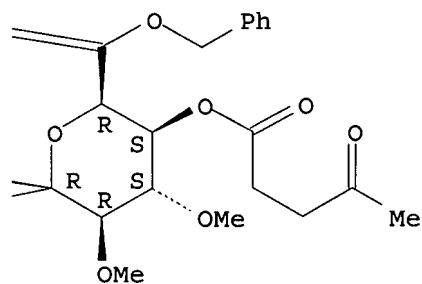
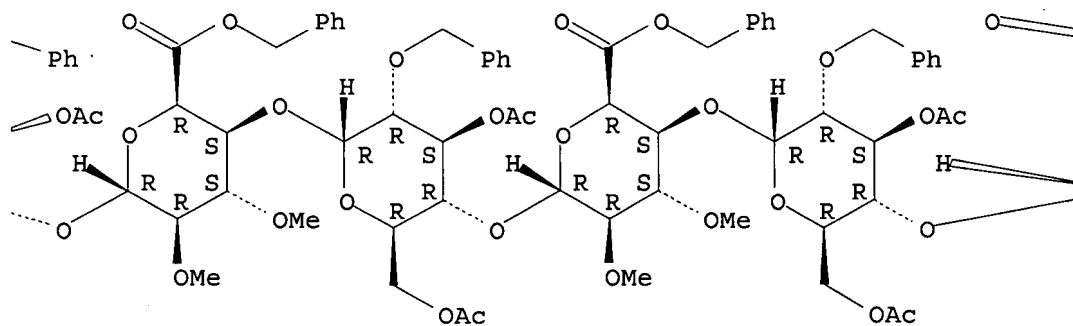
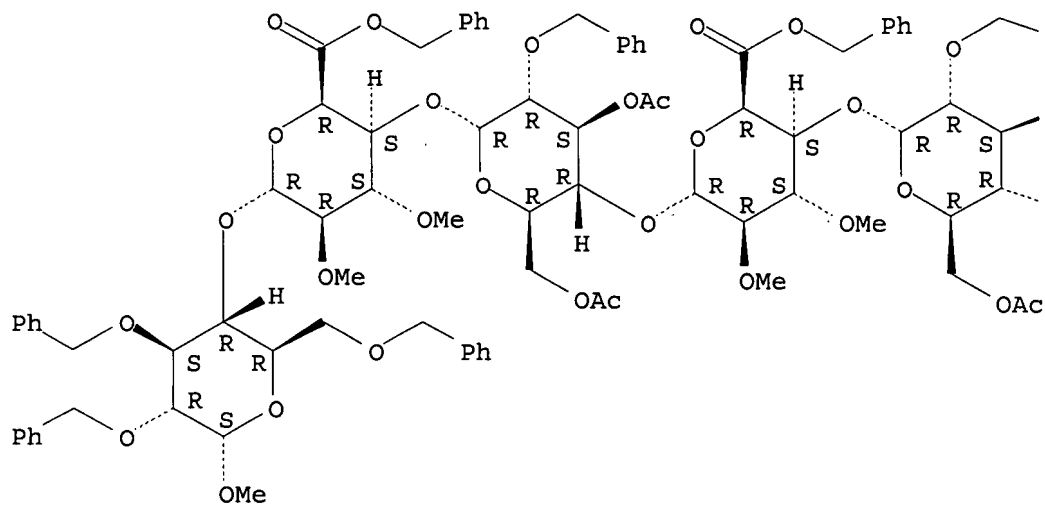
Absolute stereochemistry. Rotation (+).



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 16 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN α -D-Glucopyranoside, methyl O-4-O-(1,4-dioxopentyl)-2,3-di-O-methyl-
 6-(phenylmethyl)- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-O-3,6-di-O-acetyl-
 2-O-(phenylmethyl)- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-2,3-di-O-methyl-
 6-(phenylmethyl)- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-O-3,6-di-O-acetyl-
 2-O-(phenylmethyl)- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-2,3-di-O-methyl-
 6-(phenylmethyl)- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-O-3,6-di-O-acetyl-
 2-O-(phenylmethyl)- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-2,3-di-O-methyl-
 6-(phenylmethyl)- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-O-3,6-di-O-acetyl-
 2-O-(phenylmethyl)- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-2,3-di-O-methyl-
 6-(phenylmethyl)- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-2,3,6-tris-O-
 (phenylmethyl)- (9CI)
 MF C176 H208 O66

Absolute stereochemistry. Rotation (+).



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

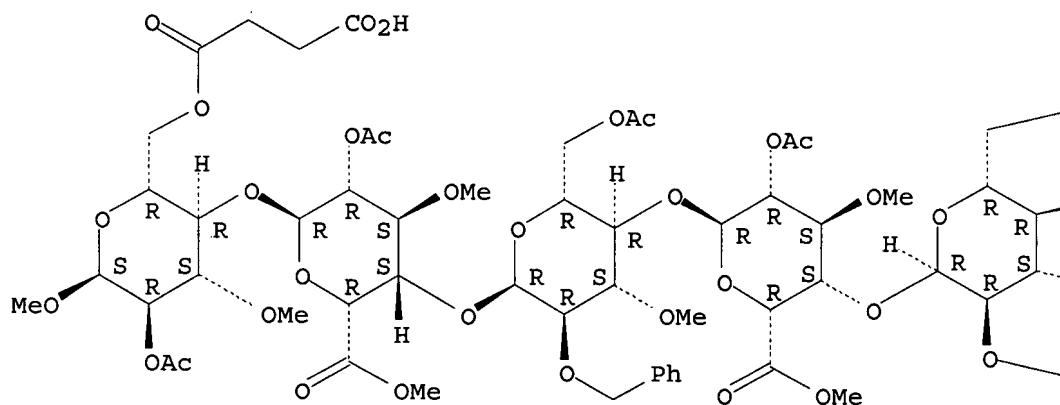
L5 16 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN α -D-Glucopyranoside, methyl O-2-O-acetyl-4-O-(1,4-dioxopentyl)-6-methyl-3-O-methyl- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-O-6-O-acetyl-3-O-methyl-2-O-(phenylmethyl)- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-2-O-

acetyl-6-methyl-3-O-methyl- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-O-6-O-acetyl-3-O-methyl-2-O-(phenylmethyl)- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-2-O-acetyl-6-methyl-3-O-methyl- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-O-6-O-acetyl-3-O-methyl-2-O-(phenylmethyl)- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-2-O-acetyl-6-methyl-3-O-methyl- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-3-O-methyl-, 2-acetate 6-(hydrogen butanedioate) (9CI)

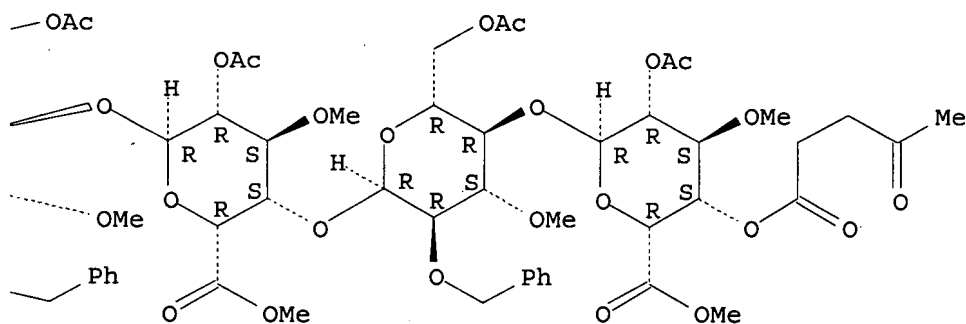
MF C107 H144 O58

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B

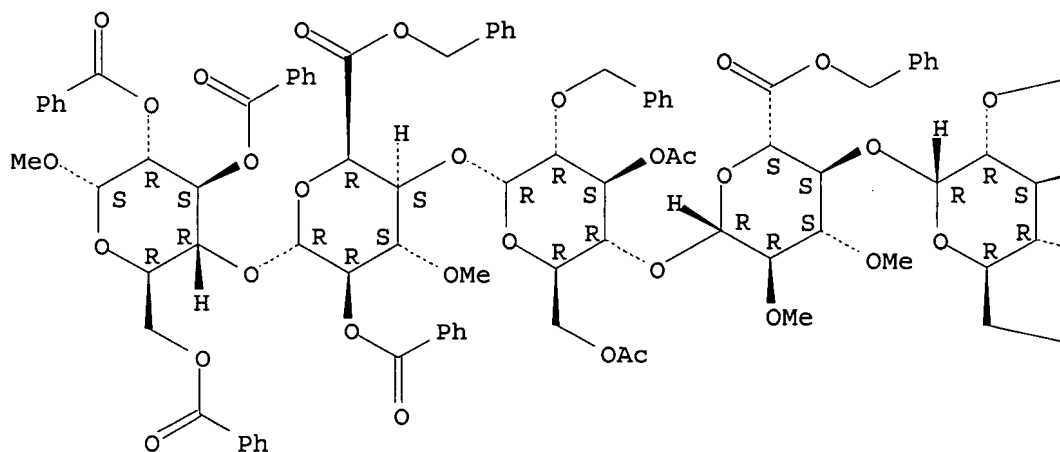


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

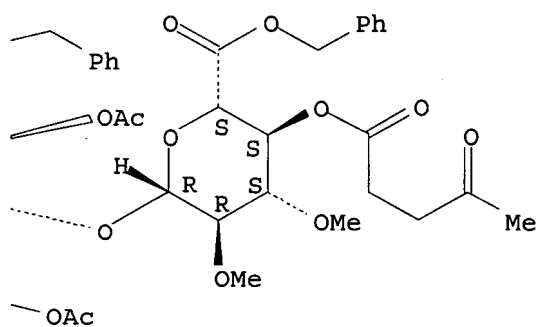
L5 16 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN α -D-Glucopyranoside, methyl O-4-O-(1,4-dioxopentyl)-2,3-di-O-methyl-6-(phenylmethyl)- β -D-glucopyranuronosyl-(1 $\rightarrow$ 4)-O-3,6-di-O-acetyl-2-O-(phenylmethyl)- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-2,3-di-O-methyl-6-(phenylmethyl)- β -D-glucopyranuronosyl-(1 $\rightarrow$ 4)-O-3,6-di-O-acetyl-2-O-(phenylmethyl)- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-2-O-benzoyl-3-O-methyl-6-(phenylmethyl)- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-, tribenzoate (9CI)
 MF C118 H128 O44

Absolute stereochemistry. Rotation (+).

PAGE 1-A



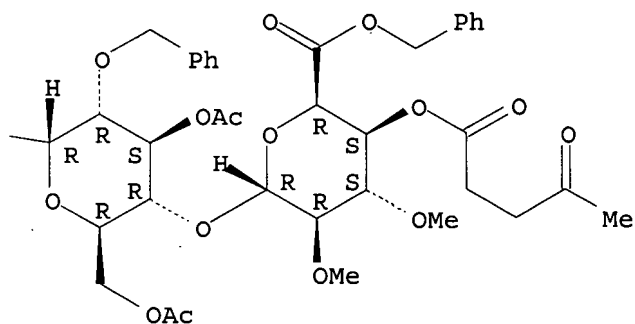
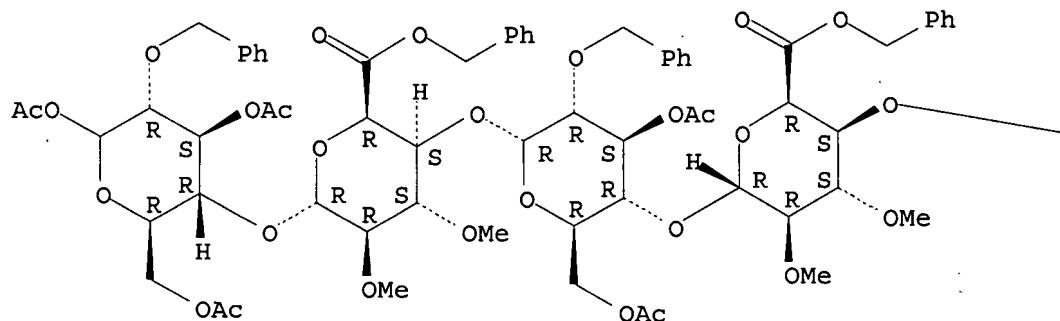
PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 16 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN D-Glucopyranose, O-4-O-(1,4-dioxopentyl)-2,3-di-O-methyl-6-(phenylmethyl)-
 α-L-idopyranuronosyl-(1→4)-O-3,6-di-O-acetyl-2-O-
 (phenylmethyl)-α-D-glucopyranosyl-(1→4)-O-2,3-di-O-methyl-6-
 (phenylmethyl)-α-L-idopyranuronosyl-(1→4)-O-3,6-di-O-acetyl-2-
 O-(phenylmethyl)-α-D-glucopyranosyl-(1→4)-O-2,3-di-O-methyl-6-
 (phenylmethyl)-α-L-idopyranuronosyl-(1→4)-2-O-(phenylmethyl)-
 , triacetate (9CI)
 MF C103 H124 O43

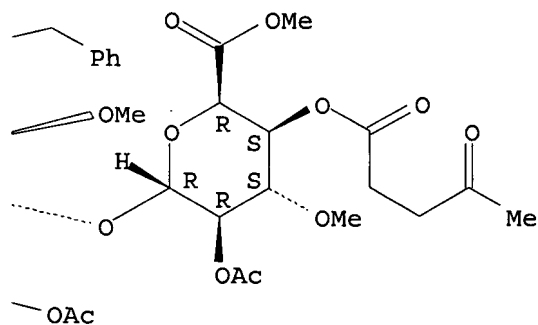
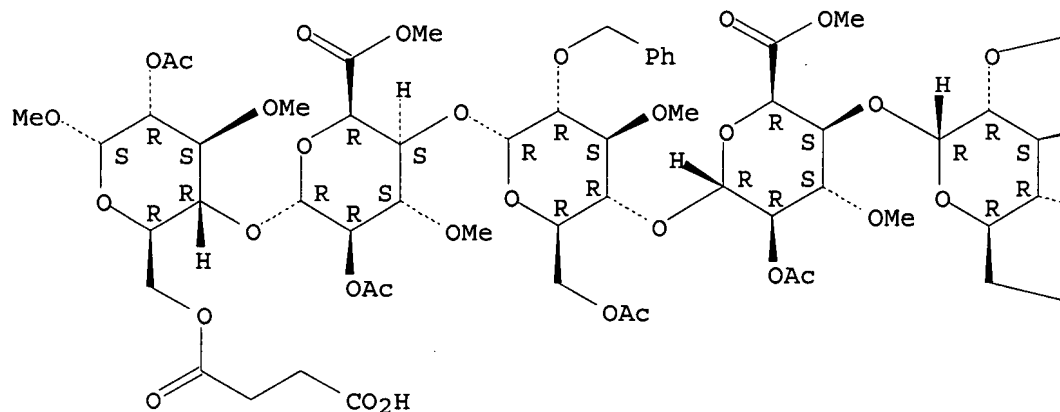
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 16 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN α -D-Glucopyranoside, methyl O-2-O-acetyl-4-O-(1,4-dioxopentyl)-6-methyl-3-O-methyl- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-O-6-O-acetyl-3-O-methyl-2-O-(phenylmethyl)- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-2-O-acetyl-6-methyl-3-O-methyl- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-O-6-O-acetyl-3-O-methyl-2-O-(phenylmethyl)- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-2-O-acetyl-6-methyl-3-O-methyl- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-3-O-methyl-, 2-acetate 6-(hydrogen butanedioate) (9CI)
 MF C81 H110 O45

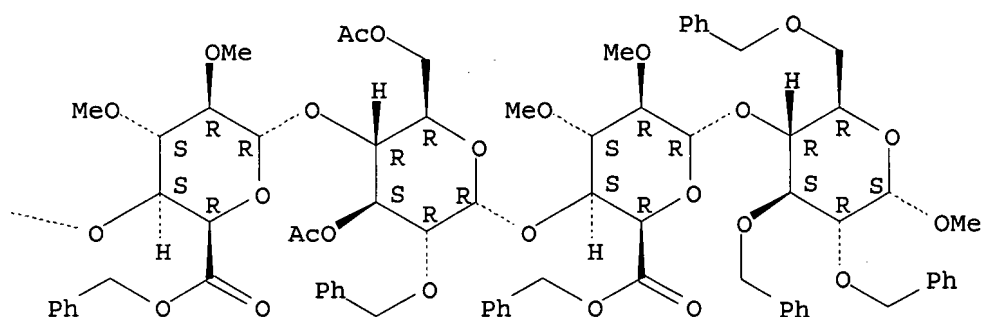
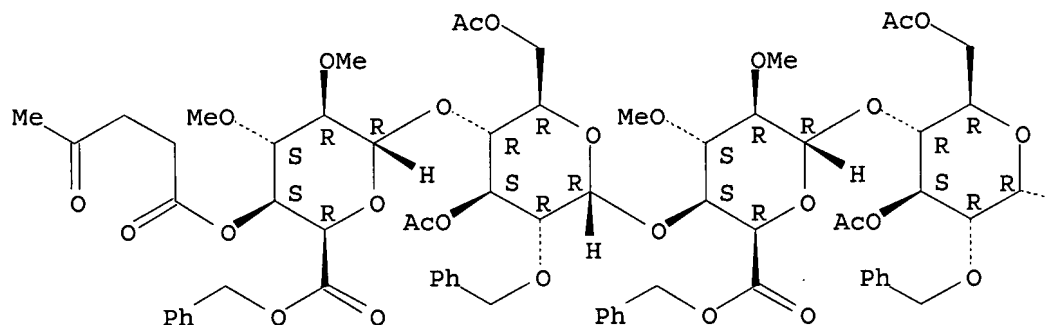
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 16 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN α -D-Glucopyranoside, methyl O-4-O-(1,4-dioxopentyl)-2,3-di-O-methyl-
 6-(phenylmethyl)- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-O-3,6-di-O-acetyl-
 2-O-(phenylmethyl)- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-2,3-di-O-methyl-
 6-(phenylmethyl)- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-O-3,6-di-O-acetyl-
 2-O-(phenylmethyl)- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-2,3-di-O-methyl-
 6-(phenylmethyl)- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-O-3,6-di-O-acetyl-
 2-O-(phenylmethyl)- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-2,3-di-O-methyl-
 6-(phenylmethyl)- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-2,3,6-tris-O-
 (phenylmethyl)- (9CI)
 MF C144 H170 O53

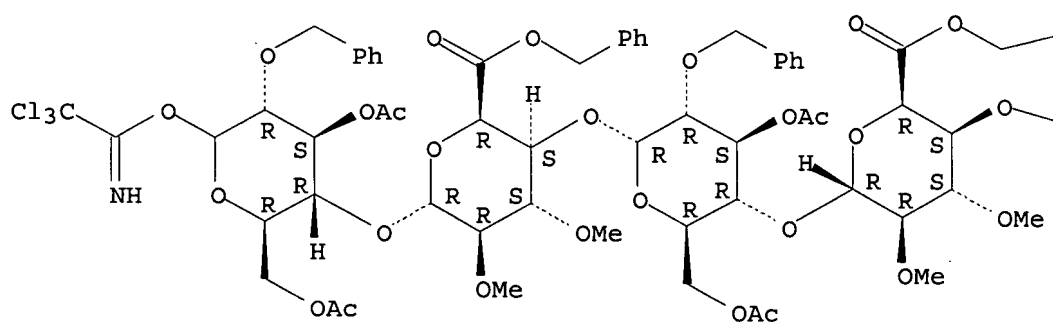
Absolute stereochemistry. Rotation (+).

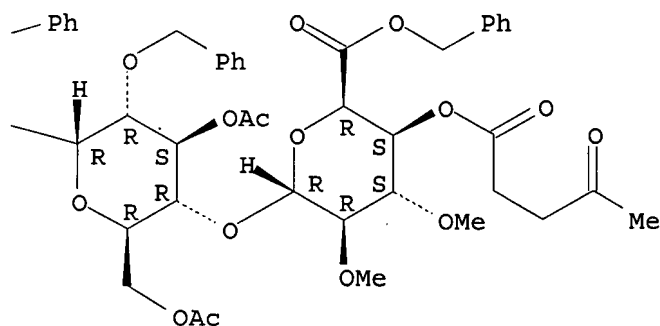


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 16 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN D-Glucopyranose, O-4-O-(1,4-dioxopentyl)-2,3-di-O-methyl-6-(phenylmethyl)-
 α-L-idopyranuronosyl-(1→4)-O-3,6-di-O-acetyl-2-O-
 (phenylmethyl)-α-D-glucopyranosyl-(1→4)-O-2,3-di-O-methyl-6-
 (phenylmethyl)-α-L-idopyranuronosyl-(1→4)-O-3,6-di-O-acetyl-2-
 O-(phenylmethyl)-α-D-glucopyranosyl-(1→4)-O-2,3-di-O-methyl-6-
 (phenylmethyl)-α-L-idopyranuronosyl-(1→4)-2-O-(phenylmethyl)-
 , 3,6-diacetate 1-(2,2,2-trichloroethanimidate) (9CI)
 MF C103 H122 Cl3 N O42

Absolute stereochemistry.

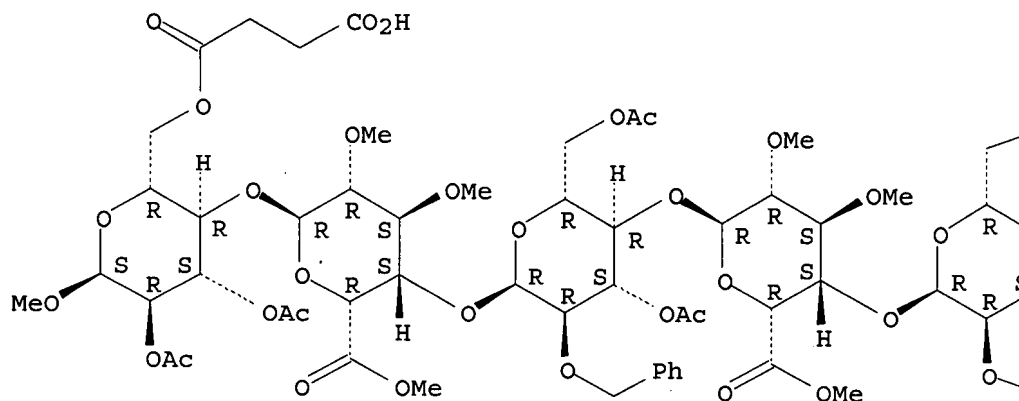


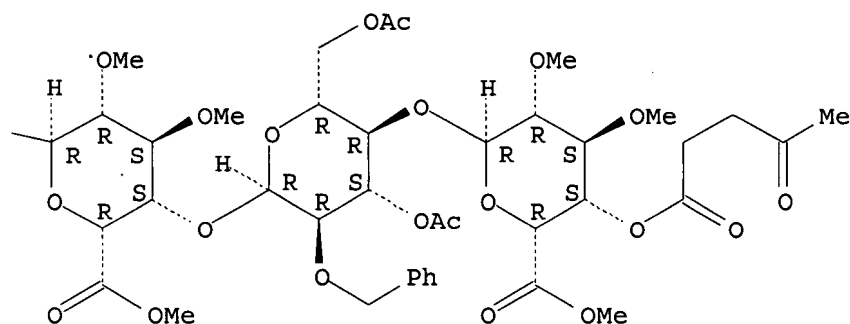
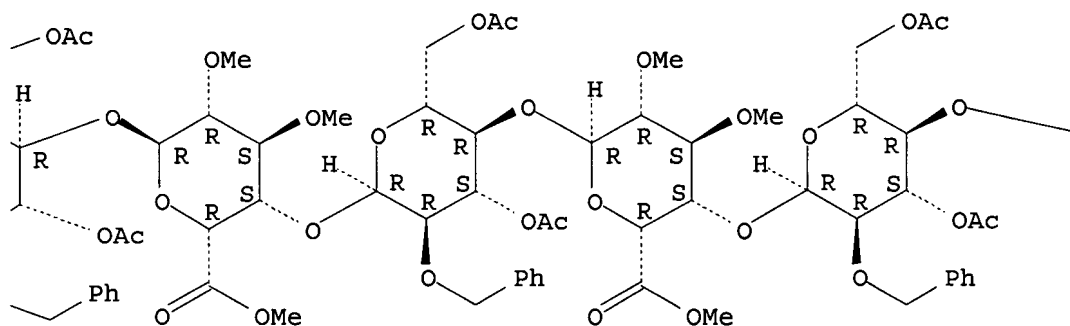


****PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT****

L5 16 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN α -D-Glucopyranoside, methyl O-4-O-(1,4-dioxopentyl)-6-methyl-2,3-di-
O-methyl- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-O-3,6-di-O-acetyl-2-O-
(phenylmethyl)- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-6-methyl-2,3-di-O-
methyl- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-O-3,6-di-O-acetyl-2-O-
(phenylmethyl)- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-6-methyl-2,3-di-O-
methyl- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-O-3,6-di-O-acetyl-2-O-
(phenylmethyl)- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-6-methyl-2,3-di-O-
methyl- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-O-3,6-di-O-acetyl-2-O-
(phenylmethyl)- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-6-methyl-2,3-di-O-
methyl- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-O-3,6-di-O-acetyl-2-O-
(phenylmethyl)- α -D-glucopyranosyl-(1 $\rightarrow$ 4)-O-6-methyl-2,3-di-O-
methyl- α -L-idopyranuronosyl-(1 $\rightarrow$ 4)-, 2,3-diacetate 6-(hydrogen
butanedioate) (9CI)
MF C159 H212 O84

Absolute stereochemistry.





PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

169.14

169.35

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6462177 PY>2000

L7 5 L6 NOT PY>2000

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L6 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN

TI Identification of a hexasaccharide sequence suitable for polymerization with a view to thrombin inhibition. [Erratum to document cited in CA131:228904]

AB The title has been corrected from "Identification of a hexasaccharide sequence able to inhibit thrombin and suitable for polymerization" to "Identification of a

hexasaccharide sequence suitable for polymerization with a view to thrombin inhibition."

AN 2000:253318 CAPLUS <<LOGINID::20061106>>

DN 134:193655

TI Identification of a hexasaccharide sequence suitable for polymerization with a view to thrombin inhibition. [Erratum to document cited in CA131:228904]

AU Duchaussoy, P.; Jaurand, G.; Driguez, P.-A.; Lederman, I.; Gourvenec, F.; Strassel, J.-M.; Sizun, P.; Petitou, M.; Herbert, J.-M.

CS Sanofi Recherche, Haemobiology Research Department, Toulouse, F-31036, Fr.

SO Carbohydrate Research (2000), 325(4), 321

CODEN: CRBRAT; ISSN: 0008-6215

PB Elsevier Science Ltd.

DT Journal

LA English

L6 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN

TI "Design and synthesis of heparin mimetics able to inhibit thrombin". Part 2 assessment through chemical synthesis of the size of the heparin sequence involved in thrombin inhibition

AB Deca- to eicosasaccharides having the generic structure methyl(sodium 2,3-di-O-methyl-4-O-sodium sulfonato- α -L-idopyranosyluronate)-

(1 $\rightarrow$ 4)-[(2,3,6-tri-O-sodium sulfonato- α -D-glucopyranosyl)-

(1 $\rightarrow$ 4)-(sodium 2,3-di-O-methyl- α -L-idopyranosyluronate)-

(1 $\rightarrow$ 4)]n-2,3,6-tri-O-sodium sulfonato- α -D-glucopyranoside have

been synthesized from a single disaccharide precursor. All of them bind to and activate antithrombin. When $n \leq 6$ only Factor Xa inhibition is observed, whereas when $n > 6$ Factor Xa and thrombin are both inhibited in the presence of antithrombin. These results indicate that, in heparin, the sequence involved in antithrombin-catalyzed thrombin inhibition is a pentadeca- or a hexadecasaccharide.

AN 1999:492122 CAPLUS <<LOGINID::20061106>>

DN 131:257771

TI "Design and synthesis of heparin mimetics able to inhibit thrombin". Part 2 assessment through chemical synthesis of the size of the heparin

sequence involved in thrombin inhibition

AU Duchaussoy, Philippe; Jaurand, Guy; Driguez, Pierre-A.; Lederman, Isidore; Ceccato, Marie-L.; Gourvenec, Francoise; Strassel, Jean-M.; Sizun, Philippe; Petitou, Maurice; Herbert, Jean-M.

CS Sanofi Recherche, Haemobiology Research Department, Toulouse, F-31036, Fr.

SO Carbohydrate Research (1999), 317(1-4), 85-99
CODEN: CRBRAT; ISSN: 0008-6215

PB Elsevier Science Ltd.

DT Journal

LA English

RE.CNT 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN

TI Design and synthesis of heparin mimetics able to inhibit thrombin. Part 1. Identification of a hexasaccharide sequence able to inhibit thrombin and suitable for "polymerization"

AB Three hexasaccharides, having from low to very high affinity for antithrombin, were synthesized from disaccharide building block precursors. One of them, methyl(sodium 2,3-di-O-methyl-4-O-sodium sulfonato- α -L-idopyranosyluronate)-(1 $\rightarrow$ 4)-[(2,3,6-tri-O-sodium sulfonato- α -D-glucopyranosyl)-(1 $\rightarrow$ 4)-(sodium 2,3-di-O-methyl- α -L-idopyranosyluronate)-(1 $\rightarrow$ 4)]2-2,3,6-tri-O-sodium sulfonato- α -D-glucopyranoside, obtainable from a single disaccharide building block precursor, constitutes a good starting point for obtaining simple oligosaccharidic heparin mimetics able to inhibit the two coagulation factors, thrombin and Factor Xa.

AN 1999:492121 CAPLUS <<LOGINID::20061106>>

DN 131:228904

TI Design and synthesis of heparin mimetics able to inhibit thrombin. Part 1. Identification of a hexasaccharide sequence able to inhibit thrombin and suitable for "polymerization"

AU Duchaussoy, Philippe; Jaurand, Guy; Driguez, Pierre-A.; Lederman, Isidore; Gourvenec, Francoise; Strassel, Jean-M.; Sizun, Philippe; Petitou, Maurice; Herbert, Jean-M.

CS Sanofi Recherche, Haemobiology Research Department, Toulouse, F-31036, Fr.

SO Carbohydrate Research (1999), 317(1-4), 63-84
CODEN: CRBRAT; ISSN: 0008-6215

PB Elsevier Science Ltd.

DT Journal

LA English

RE.CNT 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN

TI First synthetic carbohydrates with the full anticoagulant properties of heparin

AB Using the imidate glycosylation procedure, the authors have synthesized oligosaccharide mols. displaying the dual (anti-factor Xa and anti-thrombin) activity of heparin mediated by AT III. "Non-glycosamino" glycan heparin analogs, where N-sulfonato substituents were replaced by O-sulfonato groups and -OH groups were alkylated, which preserve the specific binding to AT III, yet simplify synthesis, were used. Repetitive block synthesis, using disaccharide synthons, gave hexa- to eicosa-saccharides, which were tested for biol. activity in thrombin or factor Xa inhibition. Regarding the long standing question about the min. size of heparin fragments able to catalyze thrombin inhibition, the present data restrict the choice to a pentadeca- or hexadeca-saccharide.

AN 1998:794792 CAPLUS <<LOGINID::20061106>>

DN 130:110506

TI First synthetic carbohydrates with the full anticoagulant properties of heparin

AU Petitou, Maurice; Duchaussoy, Philippe; Driguez, Pierre-A.; Jaurand, Guy; Herault, Jean-P.; Lormeau, Jean-C.; Van Boeckel, Constant A. A.; Herbert,

Jean-M.

CS Haemobiology Research Department, Sanofi Recherche, Toulouse, F-31036, Fr.
SO Angewandte Chemie, International Edition (1998), 37(21), 3009-3014
CODEN: ACIEF5; ISSN: 1433-7851
PB Wiley-VCH Verlag GmbH
DT Journal
LA English

RE.CNT 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN
TI Preparation of synthetic polysaccharides for use in pharmaceutical compositions
AB Polysaccharides (d.p. 8-24) comprising concatenations of disaccharides consisting of a uronic acid and a hexose (all OH groups being etherified with C1-6 alkyl groups or esterified with sulfonic acids) and their salts are prepared for use in pharmaceuticals (no data). The preparation of polysaccharides with d.p. 2-10 and their intermediates is described.
AN 1998:15784 CAPLUS <<LOGINID::20061106>>
DN 128:90258
TI Preparation of synthetic polysaccharides for use in pharmaceutical compositions
IN Duchaussoy, Philippe; Herbert, Jean-Marc; Jaurand, Guy; Petitou, Maurice; Van Boeckel, Constant
PA Sanofi, Fr.; Akzo Nobel N.V.
SO PCT Int. Appl., 70 pp.
CODEN: PIXXD2
DT Patent
LA French
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9747659	A1	19971218	WO 1997-FR1048	19970611
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW				
	RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
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	PT 904299	T	20020228	PT 1997-928337	19970611
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	US 2000-686373	B1	20001011		

OS MARPAT 128:90258

L6 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN

TI Polymer-supported solution synthesis of heparan sulfate-like oligomers

AB The polyethylene glycol (PEG-polymer)-supported solution synthesis of heparan sulfate-like oligomers, which differ in length (up till 12-mers) and sulfation pattern, is described.

AN 1997:357323 CAPLUS <<LOGINID::20061106>>

DN 127:66056

TI Polymer-supported solution synthesis of heparan sulfate-like oligomers

AU Dreef-Tromp, C. M.; Willems, H. A. M.; Westerduin, P.; van Veelen, P.; van Boeckel, C. A. A.

CS N.V. Organon Scientific Development Group, Oss, 5340 BH, Neth.

SO Bioorganic & Medicinal Chemistry Letters (1997), 7(9), 1175-1180

CODEN: BMCLE8; ISSN: 0960-894X

PB Elsevier

DT Journal

LA English

RE.CNT 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD
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